

APPLICATION

Four wire data line protection. i.e. RS 422, duplex line drivers and CO telephone lines.

DESCRIPTION

Fully self-contained, Enclosure is made of tough, light weight cyclac ABS thermoplastic. UL 94V-0 for insulatinf, corrosion proof and flame retardent.

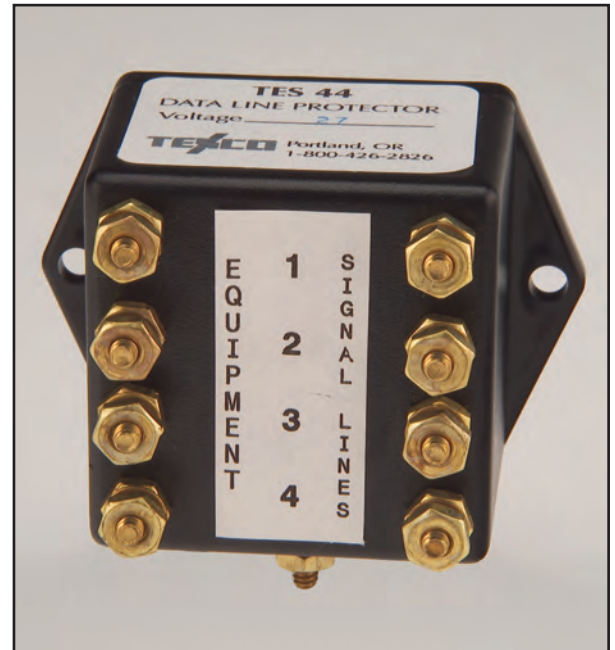
Lifetime Warranty

FEATURES

- Eliminates dangerous voltage transients
- Improves component and system reliability
- Reduces lightning effects
- Promotes personal safety
- Clamps pico and nano second rise time transients
- Wide operating temperature range
- Low standby power consumption

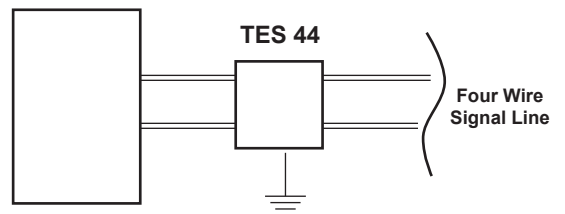
ELECTRICAL SPECIFICATIONS

Voltage	13V(L-L,G) - 120 V(L-L,G)
Frequency	N/A
Operating Temperature	-20°C to +100°C
Response Time	< 5 N Sec
Technology	Proprietary
<i>Consult factory for technology</i>	



INSTALLATION

Protected Equipment



Connections made by flying leads or terminals.

PART NUMBER	SERVICE VOLTAGE	CLAMP LEVEL (L-L)	CLAMP LEVEL (L-G)	RESPONSE TIME	PEAK CURRENT CAPABILITY 8/20 µSEC	PEAK POWER CAPABILITY 8/20 µSEC
TES 44-13	13 Vpeak	16V	16V	5 NANO-SEC	2000 Amps	12,000 Watts
TES 44-27	27 Vpeak	33V	33V	5 NANO-SEC	2000 Amps	22,000 Watts
TES 44-54	54 Vpeak	68V	68V	5 NANO-SEC	2000 Amps	33,000 Watts
TES 44-120	120 Vpeak	150V	150V	5 NANO-SEC	2000 Amps (All line to line & Gnd)	68,000 Watts (Add per line)